

IN THE SPECIFICATION:

Kindly replace paragraph 3 on page 8 as follows:

On the substrate 140, the light source 130 and the optical bench 120 mounting the photo detector 110 are disposed thereon. The substrate 140 may be made from a silicon. Note that silicon is suitable to form optical waveguides requiring a hot process, and can prevent temperature of the device from rising - because the silicon having a high thermal conductivity functions as a heat sink - under the condition which a laser or a semiconductor IC is operated in high power as a light source. Reference number ~~141~~ 142 represents a SiO₂ layer, and reference number 143 represents a metal layer.